

**DRAFT Data Assessment Team (DAT) Conference Call Notes**  
**1/5/2016 at 11:00 a.m.**

Participants: Dan Yamanaka, Bryant Giorgi, Norman Lee and Farida Islam (DWR), Geir Aasen, Joe Ferreira and Trishelle Morris (DFW), RG Fernando, David Fullerton (MWD), Josh Gruber(FWS), Lucinda Shih(CCWD), Brittany Kammerer(SWRCB), Barb Byrne(NMFS),

**Sacramento River Fish Monitoring**

<b>Preliminary Rotary Screw Trap (RST) Report</b>				
<b>Species*</b>	<b>FWS Red Bluff Diversion Dam RST (Estimated Passage)</b>	<b>Glenn-Colusa Irrigation District (GCID) RST (Catch)</b>	<b>DFW Tisdale Weir RST (Catch)**</b>	<b>DFW Knights Landing RST (Catch)</b>
<b>Date</b>	<b>12/17/2016- 12/31/2016</b>	<b>12/15/16-1/4/17</b>	<b>12/14/16-1/1/17</b>	<b>12/13/2016- 12/30/2016</b>
CHNF	476,835	250	11	209
CHNLF	2,527	18	0	10
CHNW	12,600	47	3	35
CHNS	1,811	10	18	128
Ad-Clipped CHN		102	2	0
SH	160		0	0
Ad-Clipped SH			0	0
GST			Not Reported	Not Reported
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, GST= Green Sturgeon. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision. ** Numbers represent observations and are not expanded to represent estimated passage.				

Josh Gruber stated that limited sampling are being conducted due to high turbidity. Traps had to be pulled on January 8<sup>th</sup> due to high turbidity. Observing lots of adclipped Steelhead at RBDD which are from the recent release by Coleman National Fish Hatchery on January 3-7, 2017.

GCID: On 1/4/2017, cone was checked and lifted at 9:00 PM due to predicted high flows and heavy debris.

Graphical summaries of the monitoring data collected at the Sacramento River and at other locations can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>. In addition, the biweekly passage reports of juvenile salmonids sampled at the Red Bluff Diversion Dam are available at [http://www.fws.gov/redbluff/rbdd\\_biweekly.aspx](http://www.fws.gov/redbluff/rbdd_biweekly.aspx).

**Delta Fish Monitoring** update provided from data received from Jon Speegle (FWS):

Preliminary FWS Trawl and Seine Catch Report from 12/25/16 to 12/31/16				
Species*	Beach Seines	Mossdale Trawl	Sacramento Trawl	Chippis Island Trawl
CHNF	51		2	
CHNLF				7
CHNW				
CHNS	9		1	
Ad-Clipped CHN			1	44
SH				2
Ad-Clipped SH				
DSM				
LFS				7
SPLT				1
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, DSM=Delta Smelt, LFS=Longfin Smelt, SPLT = Splittail. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision.				

Information about the Delta fish monitoring data from FWS can be found at <http://www.fws.gov/stockton/ifmp/>.

### **Salvage Monitoring update**

The following update is provided by Geir Aasen(DFW) for the period from 12/26/2016 to 1/1/2017:

#### **CHINOOK SALMON**

Fall run sized Chinook Salmon (adipose clipped) were salvaged at the federal (weekly salvage= 30) and state (weekly salvage= 4) facilities for the period of reporting.

Late Fall run sized Chinook Salmon (adipose clipped) were salvaged at the federal (weekly salvage= 94) and state (weekly salvage= 37) facilities for the period of reporting.

Winter run sized Chinook Salmon (adipose clipped) were salvaged at the federal facility (weekly salvage= 33), but not at the state facility for the period of reporting.

Winter run sized Chinook Salmon (NON adipose clipped) were salvaged at the federal facility (weekly salvage= 4), but not at the state facility for the period of reporting.

The seasonal (10/1/2016 to present) salvage totals of all Chinook Salmon at the federal facility are 405 adipose clipped (loss= 281) and 16 NON adipose clipped (loss= 11). See attached reports.

The seasonal (10/1/2016 to present) salvage totals of all Chinook Salmon at the state facility are 197 adipose clipped (loss= 850) and 74 NON adipose clipped (loss= 18). See attached reports.

#### **STEELHEAD**

Steelhead (NON adipose clipped) were salvaged at the federal facility (weekly salvage= 4), but not at the state facility for the period of reporting.

The seasonal (10/01/2016 to present) salvage totals of Steelhead at the state facility are zero adipose clipped and 4 NON adipose clipped. See attached reports.

The seasonal (10/01/2016 to present) salvage totals of Steelhead at the federal facility are zero adipose clipped and 4 NON adipose clipped. See attached reports.

#### **SPLITTAIL**

Splittail were salvaged at the federal (weekly salvage= 4) and state (weekly salvage= 4) facilities for the period of reporting.

The seasonal (10/01/2016 to present) salvage total of Splittail at the state facility is 30. See attached report.

The seasonal (10/01/2016 to present) salvage total of Splittail at the federal facility is 4. See attached report.

#### WHITE STURGEON

No White Sturgeon were salvaged at either facility for the period of reporting.

The seasonal (10/01/2016 to present) salvage total of White Sturgeon at the federal facility is 4. See attached report.

The seasonal (10/01/2016 to present) salvage total of White Sturgeon at the state facility is 2. See attached report.

No Delta Smelt, Longfin Smelt, or Green Sturgeon have been salvaged at either facility for the 2016-2017 water year.

#### **Smelt Monitoring**

The 2016 FMWT Index memo has been sent to DAT reflector by Lauren Damon (FWS). The 2016 FMWT Index is 8 which is the 2<sup>nd</sup> lowest of the record.

#### **Smelt Working Group**

No representative was on the conference call  
Working Group meeting notes can be found at:

[http://www.fws.gov/sfbaydelta/cvp-swp/smelt\\_working\\_group.cfm](http://www.fws.gov/sfbaydelta/cvp-swp/smelt_working_group.cfm).

**Delta Operations for Salmonids and Sturgeon (DOSS) Working Group** Update provided by Barb Byrne via the DAT reflector (NMFS):

Highlights from 1/3/17 DOSS meeting:

DOSS Advice:

- None

RPA Implementation

- **Action IV.1.2 (DCC operations):**
  - The DCC was closed on the morning of 12/1/16.
  - From December 1 to January 31, the gates will remain closed, with limited exceptions.
- **Action IV.3 (Export Reductions based on salvage triggers)**
  - The third alert (November 1-February 23: Knights Landing Catch Index (KLCI) or Sacramento Catch Index (SCI) >10) was not triggered over the past week.
  - Since the action went into effect on 11/1/16, no salvage-based triggers that would require export reduction have been exceeded.
  - **Implementation of this action in WY 2017 ended 12/31/16.**
- **Action IV.2.3 (OMR Management)**

- Implementation of this action in WY 2017 began 1/1/17, and requires that Old and Middle River (OMR) flow be no more negative than -5,000 cfs.
- Since the action went into effect on 1/1/17, no salvage-based triggers that would require more positive OMR levels have been exceeded.

#### Hatchery releases

- Coleman National Fish Hatchery will release ~577,000 steelhead into the Sacramento River at Bend Bridge (River Mile 258, about 14 miles downstream of Battle Creek) on January 3-7, 2017. All fish will be marked with a clipped adipose fin only (no CWT).

#### Fish Monitoring: Salvage

- Unclipped juvenile salmonids were salvaged over past week, including an estimated loss of 3 unclipped winter-run-sized fish and loss of 3 wild steelhead.
  - These unclipped juveniles didn't exceed any loss-density triggers in IV.3 or IV.2.3
- Ad-clipped late-fall run salmon from the recent CNFH releases showed up in salvage over the past week
- No large (likely 2-year old) salmon observed in salvage over past week.

#### Fish Monitoring: RSTs, trawls, seines:

- Continued catch of wild WR-sized, SR-sized, and FR-sized fish in monitoring over past week, as well as ad-clipped late-fall run (from the recent Coleman releases).

#### DOSS estimates of fish distribution:

- Current distribution:

Location	Yet to Enter Delta (Upstream of Knights Landing)	In the Delta	Exited the Delta (Past Chipps Island)
Wild young-of-year (YOY) winter-run Chinook salmon	20%-35% (Last week: 30%-40%)	65%-80% (Last week: 60%-70%)	0% (Last week: same)
Wild young-of-year (YOY) spring-run Chinook salmon	55%-70% (Last week: 60%-75%)	30%-45% (Last week: 25%-40%)	0% (Last week: same)

WY 2017 DOSS notes: [http://www.westcoast.fisheries.noaa.gov/central\\_valley/water\\_operations/ocapwy2017.html](http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/ocapwy2017.html)

All things DOSS: [http://www.westcoast.fisheries.noaa.gov/central\\_valley/water\\_operations/doss.html](http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/doss.html)

Operations update provided by Norman Lee(DWR):

Preliminary Summary for 1/5/2017			
SWP		CVP	
Clifton Court Inflow (cfs)	3100	Jones Pumping Plant (cfs)	2500
SWP San Luis Reservoir Share (TAF) as of Midnight	804	CVP San Luis Reservoir Share (TAF) as of Midnight	479
San Luis Reservoir Total (TAF) as of Midnight	1,283	American – Nimbus Reservoir Releases (cfs)	8,900*
Feather – Oroville Reservoir Releases (cfs)	1,750	Sacramento – Keswick Reservoir Releases (cfs)	5,000
		Stanislaus-Goodwin Reservoir Releases (cfs)	200
DELTA OPERATIONS			
Outflow (cfs)	~25,900	Delta Cross Channel (DCC) Gates	Closed
Total Delta Inflow (cfs)	~31,123	1 day OMR average (cfs)	-4900
X2 (km)	54	5 day OMR average (cfs)	-4923
Export/Inflow (%)	(14-day average)	14 day OMR average (cfs)	-5905

\* Will go up to 15,000 by tomorrow, 1/6/17

Controlling factor(s): OMR

<http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>.

**Next Conference Call:**

1/12/17, Thursday at 11 am.

Final DAT notes can be viewed at

<http://www.water.ca.gov/swp/operationscontrol/calfed/calfeddat.cfm>